

CASP8 antibody

Product Information

Catalog No.:	FNab01294
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	2C2
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Caspase 8, also named as MCH5, MACH, FLICE, and CAP4, belongs to the peptidase C14A family. It may participate in the GZMB apoptotic pathways and functions as an upstream regulator in a-bisabolol-induced apoptosis. Caspase 8 catalyzes an essential intermediate step in the ubiquitination and proteasome-mediated degradation of IRF3(PMID:21816816). It may control diabetic embryopathy-associated apoptosis via Caspase 8 is expressed as nine isoforms by alternative splicing with the molecular mass from 26 kDa to 62 kDa. This antibody can recognize pro-and cleaved-caspase 8.

Immunogen information

Immunogen:	caspase 8, apoptosis-related cysteine peptidase
Synonyms:	Caspase-8 (CASP-8) Apoptotic cysteine protease Apoptotic protease Mch-5 CAP4 FADD-homologous ICE/ced-3-like protease FADD-like ICE (FLICE) ICE-like apoptotic protease 5 MORT1-associated ced-3 homolog (MACH) Caspase-8 subunit p18 Caspase-8 subunit p10 CASP8 MCH5
Observed MW:	50-55 kDa, 25-32 kDa
Uniprot ID :	Q14790

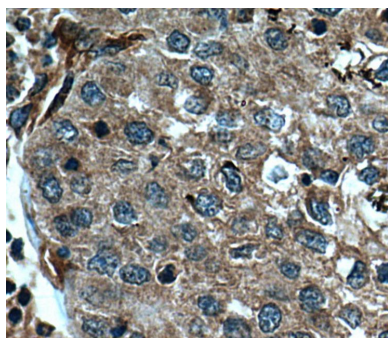
Application

Reactivity:	Human
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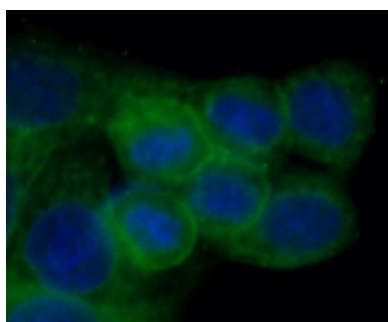
Tested Application: ELISA, IHC, WB,IF,IP

Recommended dilution: WB: 1:500-1:5000; IP: 1:200-1:2000; IHC: 1:100-1:400; IF: 1:50-1:500

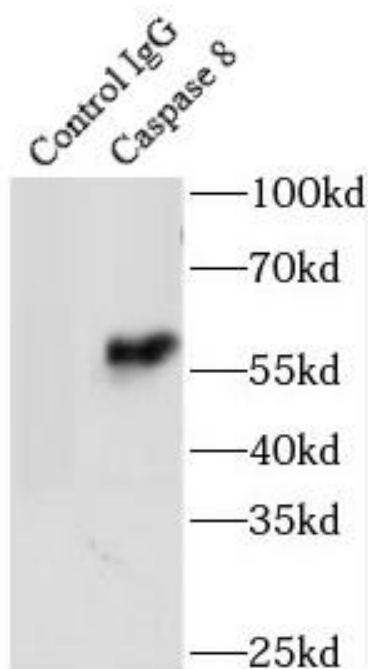
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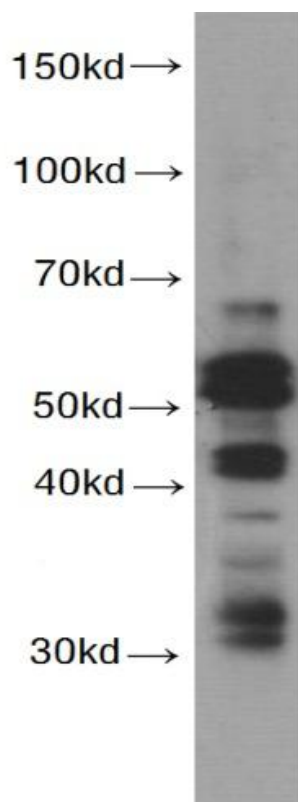
Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using FNab01294(Caspase 8 Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using FNab01294 (Caspase 8 Antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)



IP Result of anti-Caspase 8 (IP:FNab01294, 5ug; Detection:FNab01294 1:500) with HepG2 cells lysate 2400ug.



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab01294(CASP8 antibody) at dilution of 1:1000